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Substitute for form 1440A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	10/787,367
Sheet	1	of	13	Filing Date	02/26/2004
				First Named Inventor	GRAUPE
				Group Art Unit	1628
				Examiner Name	Coppins, Janet
				Attorney Docket Number	USA2001/0143 - US - CNT

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (Unknown)		
GLC		4,927,809		STUBER, et al.	05-22-1990
		5,424,328		ANDO, et al.	06-19-1995
		5,486,629		ZIMMERMAN, et al.	01-23-1998
		5,498,616		MALLANO, et al.	03-12-1998
		5,847,135		BEMIS, et al.	12-08-1998
		5,852,007		CHATTERJEE, et al.	12-22-1998
		5,874,424		BATCHELOR, et al.	02-23-1999
		5,998,390		RAMAMURTHY, et al.	12-07-1999
		6,004,833		SPRUCE, et al.	12-21-1999
		6,022,861		SCARBOROUGH, et al.	02-08-2000
		6,114,310		CHAMBERLAND, et al.	09-05-2000
		6,124,833		MILLER, et al.	12-26-2000
		6,255,453		GYORKOS	07-03-2001
		6,353,017		ALTMAN, et al.	03-05-2002
		6,455,502		BRYANT, et al.	09-24-2002
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		6,492,382		GRAUPE, et al.	12-10-2002
		6,506,733		BUYSSE	01-14-2003
		6,576,630		LINK, et al.	06-10-2003

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office <sup>3</sup>	Number <sup>4</sup>		
GLC		EP	EP 0272871	KRANTZ, et al.	06-29-1988
		EP	EP 0291234	EDWARDS, et al.	11-17-1998
		EP	EP 0355572	PAQUES, et al.	02-28-1990
		EP	EP 0376012	ALBRIGHT, et al.	07-04-1990
		EP	EP 0419683	HARA, et al.	04-03-1991
		EP	EP 0536399	OKUBO, et al.	04-01-1993
		EP	EP 0652009	DOVEY, et al.	10-05-1995
		EP	EP 0754454	KOBAYASHI, et al.	01-22-1997
		JP	JP 06102199	RYOICHI, et al.	07-12-1994
		JP	JP 42009153	IRIKURA, et al.	05-06-1967

Examiner Signature	<i>Janet L. Coppins</i>	Date Considered	<i>7/1/05</i>
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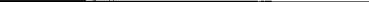
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PTO/SB/08A (10-88)

**Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**

Substitute for form 1449A/PTO				Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/787,387
(use as many sheets as necessary)				Filing Date	02/26/2004
				First Named Inventor	GRAUPE
				Group Art Unit	1628
				Examiner Name	Coppins, Janet
Sheet	2	of	13	Attorney Docket Number	USAV2001/0143 - US - CNT

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figure Annex
		Office <sup>2</sup>	Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)		
JK	JP	JP	63303888	YOSHIDA, et al.	12-08-1988	
	WO	WO	00/46892	TUCKER, et al.	08-24-2000	
	WO	WO	00/48007	TUCKER, et al.	08-24-2000	
	WO	WO	00/49008	TUCKER, et al.	08-24-2000	
	WO	WO	00/51898	CYWIN, et al.	09-08-2000	
	WO	WO	00/59881	SINGH, et al.	10-12-2000	
	WO	WO	00/69855	QUIBELL, et al.	11-23-2000	
	WO	WO	01/09110	BEKKALI, et al.	02-08-2001	
JK	WO	WO	01/19796	GRAUPE, et al.	03-22-2001	
JK	WO	WO	01/19808	GRAUPE	03-22-2001	

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PTO/SB/08A (10-86)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/787,367
				Filing Date	02/26/2004
				First Named Inventor	GRAUPE
				Group Art Unit	1626
				Examiner Name	Coppins, Janet
Sheet	3	of	13	Attorney Docket Number	USA2001/0143 - US - CNT

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>2</sup>	Foreign Patent Document <sup>3</sup>		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>4</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		
	WO	WO 01/19818		EMMANUEL, et al.	09-22-2001	
	WO	WO 01/30772		TUCKER, et al.	05-03-2001	
	WO	WO 01/55125		BOZSING, et al.	08-02-2001	
	WO	WO 01/58888		MISSBACH, M	08-16-2001	
	WO	WO 95/13069		MORRIELLO, et al.	05-18-1995	
	WO	WO 95/15309		JENKINS, et al.	06-08-1995	
	WO	WO 95/24382		HALLINAN, et al.	09-14-1995	
	WO	WO 96/21655		PEET, et al.	07-18-1996	
	WO	WO 96/30353		PALMER, et al	10-03-1996	
	WO	WO 96/40847		ZIMMERMAN, et al.	12-19-1996	

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PTO/SB/08A (10-96)

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Filing Date	02/26/2004														
First Named Inventor	GRAUPE														
Group Art Unit	1626														
Examiner Name	Coppins, Janet														
Sheet	4	of	13	Attorney Docket Number	USA2001/0143 - US - CNT										

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>2</sup>	Number <sup>3</sup>	Kind Code <sup>4</sup> (if known)		
<i>JL</i>	WO	WO 96/40744		MARLOWE, et al.	12-19-1996	
	WO	WO 96/41638		DOLLE, et al.	12-27-1996	
	WO	WO 97/03679		MALLANO, et al.	02-06-1997	
	WO	WO 98/01133		AIBE, et al.	01-15-1998	
	WO	WO 98/01428		DOMINGUEZ, et al.	01-15-1998	
	WO	WO 98/05936		MARQUIS, et al.	02-12-1998	
	WO	WO 98/08802		YAMASHITA, et al.	03-05-1998	
	WO	WO 98/08867		SHIONOGI, et al.	03-05-1998	
	WO	WO 98/21188		PRESTON, et al.	05-22-1998	
<i>JL</i>	WO	WO 98/29586		FLOYD, C.	06-04-1998	

Examiner Signature	<i>John B. Gray</i>	Date Considered	7/1/05
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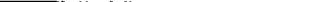
PTO/SS/08A (10-86)  
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<p>Application Number</p>		<p>10/787,367</p>			
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<p>First Named Inventor</p>		<p>GRAUPE</p>			
<p>Group Art Unit</p>		<p>1626</p>			
<p>Examiner Name</p>		<p>Coppins, Janet</p>			
Sheet	5	of	13	<p>Attorney Docket Number</p> <p>USAV2001/0143 - US - CNT</p>	

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

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Sheet	6	of	13	First Named Inventor	GRAUPE
				Group Art Unit	1626
				Examiner Name	Coppins, Janet
				Attorney Docket Number	USA2001/0143 - US - CNT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>2</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>
<i>JCC</i>		ADAMS, et al., Potent and Selective Inhibitors of the Proteasom: Dipeptidyl Boronic Acids, <i>Biorganic &amp; Medicinal Chemistry Letters</i> , 8: 333-338 (1998).	
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<i>JCC</i>		EVOLI, et al., abstract only, <i>Drugs</i> , 1998, 52(5), 602-70	

Examiner Signature	<i>Janet C. Coppins</i>	Date Considered	7/1/05
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner (initials)	Cita No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
<i>JLC</i>		GOUR-SALIN, et al., Inhibition of papain by peptide nitriles: conversion of the nitrile group into other functionalities via the papain:nitrile thiomidate ester adduct, Can. J. of Chem., CA, National Research Council, Ottawa, 69(8):1289-1297 (1991).			
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<i>JLC</i>		Li, et al., Aminocyclopentidine-2-nitriles: Potent and stable inhibitors of dipeptidyl-peptidase IV (CD 26), Archives of Biochem. and Biophys., 323(1)148-154 (1985).			

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<i>JL</i>		LIPSHUTZ, et al., Chiral induction in originally racemic amino acids via 5-acyl and 5-acyloxyaminooxazoles, 1st, J. Chem. 27(1):49-55 (1988), abstract.	
		LIPSHUTZ, et al., Heterocycles as masked diamide/dipeptide equivalents. Formation and reactions of substituted 5-(acylamino)oxazoles as intermediates en route to the cyclopeptide alkaloids, J. Am. Chem. Soc., 105(28):7703-7713 (1983).	
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Examiner Signature	<i>J. L. G.</i>	Date Considered	7/11/05
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/787,387
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Sheet	9	of	13
		First Named Inventor	GRAUPE
		Group Art Unit	1626
		Examiner Name	Coppins, Janet
		Attorney Docket Number	USA2001/0143 - US - CNT

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<i>JL</i>		PICKEN, et al., Inhibition of bovine cathepsin B by amino acid-derived nitriles, Biochemical Society Transactions, vol. 18, No. 2, p:316 (1990).	
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Sheet	10	of	13
		Examiner Name	Coppins, Janet
		Group Art Unit	1626
		Attorney Docket Number	USA2001/0143 - US - CNT

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## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Column(s), Line(s), Where Relevant Passages or Relevant Figures Appear
		Office <sup>2</sup>	Number <sup>4</sup>			
<i>JHC</i>	JP	JP 2001-011037		SATO, et al.	01-16-2001	
<i>JHC</i>	JP	JP 2001-055366		SATO, et al.	02-27-2001	
	WO	WO00/59881		SINGH, et al.	10-12-2000	
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	WO	WO02/057248		QUIBELL, et al.	07-25-2002	
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<i>JHC</i>	WO	WO02/100849		HICKEY, et al.	12-19-2002	
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<i>JL</i>		CHAPMAN, et al., Emerging Roles for Cysteine Proteases in Human Biology, Ann. Rev. Physiol.; 1997; 59; pp.63-88.	
		DRANOFF, et al., Cathepsin S Required for Normal MHC Class II Peptide Loading and Germinal Center Development, Immunity; 1999; 10; pp.197-206.	
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<p>Application Number</p>		<p>10/787,387</p>			
<p>Filing Date</p>		<p>02/28/2004</p>			
<p>First Named Inventor</p>		<p>GRAUPE</p>			
<p>Group Art Unit</p>		<p>1826</p>			
<p>Examiner Name</p>		<p>Coppins, Janet</p>			
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<i>JL</i>		SHI, et al., Molecular Cloning and Expression of Human Alveolar Macrophage Cathepsin S, an Elastinolytic Cysteine Protease, <i>J. Biol. Chem.</i> ; 1992; 267: pp.7258-7262.	
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